

EPA New England NON-NPL Fact Sheet

Site Type: Site Awaiting NPL Decision (SAND)
Status: Previous Production

Last Released to Public: 08/02/2006

ALLING LANDER COMPANY
CHESHIRE, Connecticut
NEW HAVEN County

Map of Site:

Street Address:

300 EAST
JOHNSON
AVENUE

Zip Code:

06410

Congressional

05

District(s):

EPA ID #:

CTD09818604

2

Site ID #:

0100200

Site Alias:

Description

The Alling Lander Company (ALC) property is located at 300 East Johnson Avenue in Cheshire, New Haven County, Connecticut. The 8-acre property, currently occupied by TPB Corporation, contains a single building with an addition, plus a paint shed, metal shed, a former fuel oil underground storage tank location, and two former water supply wells. The former ALC property is currently owned by the Federal Deposit Insurance Corporation, following the closure of Eastland Savings Bank, which foreclosed on the property. The former ALC property is bordered to the north by undeveloped land; to the east and west by commercial properties; and to the south by residential properties.

Prior to 1962, the Former ALC property was undeveloped woodland. From 1962 to 1980, the property was used for manufacturing gears by New England Gear Works, a subsidiary of Robbins & Meyers, Inc. From 1980 to 1988, the property was used for manufacturing gear boxes for conveyors, door operators, and similar products by ALC. Following ALC's closure in 1988, County-wide Construction and Summit Construction Services leased the building on the Former ALC property until 1991. Sonnenschein Batterieien also used the building for the storage of dry-cell batteries. The building was unoccupied as of 1994. ALC used the following processes: drilling, boring, turning, and grinding of metal parts; no information regarding the processes used by New England Gear Works are available, but they are assumed to have been similar. Both companies used the chlorinated solvents 1,1,1-trichloroethane (1,1,1-TCA) and trichloroethylene (TCE) in a vapor degreasing unit. Beginning in 1984, ALC used a Freon/methylene chloride vapor degreaser. No information regarding waste disposal practices for either company have been found. Spills of chlorinated solvent occurred as early as 1979 in the building. Floor drains were located in the building which discharged to the soil beneath the building.

In 1979, the South Central Connecticut Regional Water Authority (SCCRWA) noted TCE contamination in its wellfield located 0.8 miles south and downgradient of the former ALC property. In 1984, the Connecticut Department of Environmental Protection (CT DEP) inspected the Former ALC property and noted apparent soil contamination. Subsequent investigations identified the Former ALC property as a potential source of groundwater contamination. In 1987, 2,750 cubic feet of contaminated soil was removed from the Former ALC property. In 1987, a contractor to the U.S. Environmental Protection Agency (EPA) performed a Preliminary Assessment of the property, and in 1991, a contractor to EPA performed a Site Inspection of the property. In 1992, an additional

investigation was performed at the Former ALC property. In 1994, a contractor for EPA conducted a Site Inspection Prioritization (SIP). Review of CT DEP files did not indicate any actions at the Former ALC property since the SIP. CT DEP continues to pursue cleanup of the site through the Property Transfer Program of the CT DEP's Permitting, Enforcement, and Remediation Division.

Groundwater is present in stratified drift overburden beneath the Former ALC property at depths of 68 to 80 feet below ground surface and flows east-southeastward. The nearest private well is estimated to be within 0.25 and 0.5 miles of the Former ALC property. The nearest public wellfield is located approximately 0.8 miles south of the property and is part of the SCCRWA supply system, but has been contaminated with TCE. An estimated 86,611 people rely on groundwater sources located within 4-radial miles of the Former ALC property for drinking water. A number of monitoring wells are located on the property. Groundwater samples have been collected from the Former ALC property which document VOC contamination (including 1,1,1-TCA, trichloroethylene, and their breakdown products). Nearby private and public drinking water wells have been affected by the contamination.

Runoff from the Former ALC property flows southeastward to the Quinnipiac River, 3,000 feet from the Former ALC property. No surface water intakes are located downstream of the Former ALC property. Recreational fisheries, stocked with trout, are located downstream of the Former ALC property. Sensitive environments within the 15-mile surface water pathway include 23.5 miles of wetlands. No surface water or sediment samples have been collected downstream of the Former ALC property.

ALC was reportedly inactive in 1994. Access to the property is not restricted by fences and gates. The nearest residence to the former ALC property is located 300 feet southwest of the property. An estimated 100 people live within 1-radial mile of the property. Surficial soil samples collected on the Former ALC property did not contain VOCs; however, subsurface soil samples collected in the vicinity of the former degreaser documented the presence of chlorinated VOCs.

An estimated 63,585 people live within 4-radial miles of the former ALC property. Habitats for 15 State-listed species are located within 4-radial miles of the Former ALC property. No complaints of air releases from the Former ALC property were found in available files.

Current Status

Photos

Public Record Locations

OSRR Records and Information Center , 1st Floor, 5 Post Office Square , Suite 100 (HSC), Boston, MA 02109-3912 (617) 918-1440

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